

# Huan Chen

## List of Publications by Year in descending order

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146  
papers

3,938  
citations

101543

36  
h-index

175258

52  
g-index

150  
all docs

150  
docs citations

150  
times ranked

5212  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | A Prospective Study Comparing Cancer Detection Rates of Transperineal Prostate Biopsies Performed by Junior Urologists versus a Senior Consultant in a Real-World Setting. <i>Urologia Internationalis</i> , 2022, 106, 884-890.   | 1.3  | 1         |
| 2  | Insights into the hydrated electron generation from UV/aniline: Mechanism and quantum efficiency. <i>Chemosphere</i> , 2022, 287, 132292.  | 8.2  | 4         |
| 3  | Alterations in DNA damage response and repair genes as potential biomarkers for immune checkpoint blockade in gastrointestinal cancer. <i>Cancer Biology and Medicine</i> , 2022, 19, 1139-1149.   | 3.0  | 4         |
| 4  | Time-dependent molecular progression and acute toxicity of oil-soluble, interfacially-active, and water-soluble species reveals their rapid formation in the photodegradation of Macondo Well Oil. <i>Science of the Total Environment</i> , 2022, 813, 151884.  | 8.0  | 7         |
| 5  | PTI and ETI: convergent pathways with diverse elicitors. <i>Trends in Plant Science</i> , 2022, 27, 113-115.   | 8.8  | 72        |
| 6  | Crop selection reduces potential heavy metal(loid)s health risk in wastewater contaminated agricultural soils. <i>Science of the Total Environment</i> , 2022, 819, 152502.  | 8.0  | 24        |
| 7  | Chemical characterization of dissolved organic matter as disinfection byproduct precursors by UV/fluorescence and ESI FT-ICR MS after smoldering combustion of leaf needles and woody trunks of pine ( <i>Pinus jeffreyi</i> ). <i>Water Research</i> , 2022, 209, 117962.   | 11.3 | 9         |
| 8  | Unveil the role of dissolved and sedimentary metal(loid)s on bacterial communities and metal resistance genes (MRGs) in an urban river of the Qinghai-Tibet Plateau. <i>Water Research</i> , 2022, 211, 118050.  | 11.3 | 22        |
| 9  | Bi <sub>25</sub> FeO <sub>40</sub> /Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> piezoelectric catalyst with built-in electric fields that was prepared via photochemical self-etching of Bi <sub>25</sub> FeO <sub>40</sub> for 4-chlorophenol degradation. <i>Journal of Cleaner Production</i> , 2022, 341, 130908. | 9.3  | 22        |
| 10 | An open source computational workflow for the discovery of autocatalytic networks in abiotic reactions. <i>Chemical Science</i> , 2022, 13, 4838-4853.   | 7.4  | 8         |
| 11 | Nitrogen Enrichment during Soil Organic Matter Burning and Molecular Evidence of Maillard Reactions. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4597-4609.  | 10.0 | 20        |
| 12 | Impacts of haze on the photobleaching of chromophoric dissolved organic matter in surface water. <i>Environmental Research</i> , 2022, 212, 113305.  | 7.5  | 3         |
| 13 | RNF7 inhibits apoptosis and sunitinib sensitivity and promotes glycolysis in renal cell carcinoma via the SOCS1/JAK/STAT3 feedback loop. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 36.   | 7.0  | 10        |
| 14 | Linking the Jehol Biota Evolution to the Early Cretaceous Volcanism During the North China Craton Destruction: Insights From F, Cl, S, and P. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .   | 3.4  | 3         |
| 15 | Sustainable functional urethral reconstruction: Maximizing early continence recovery in robotic-assisted radical prostatectomy. <i>Asian Journal of Urology</i> , 2021, 8, 126-133.  | 1.2  | 6         |
| 16 | Characterization of Dissolved Organic Matter from Wildfire-induced <i>Microcystis aeruginosa</i> Blooms controlled by Copper Sulfate as Disinfection Byproduct Precursors Using APPI(-) and ESI(-) FT-ICR MS. <i>Water Research</i> , 2021, 189, 116640.   | 11.3 | 23        |
| 17 | Identification of immune checkpoint and cytokine signatures associated with the response to immune checkpoint blockade in gastrointestinal cancers. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2669-2679.   | 4.2  | 4         |
| 18 | Molecular Comparison of Solid-Phase Extraction and Liquid/Liquid Extraction of Water-Soluble Petroleum Compounds Produced through Photodegradation and Biodegradation by FT-ICR Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 4611-4618.  | 6.5  | 10        |

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|----|--|------|-----------|
| 19 | Classification of the Biogenicity of Complex Organic Mixtures for the Detection of Extraterrestrial Life. <i>Life</i> , 2021, 11, 234.   | 2.4  | 12        |
| 20 | A genomic mutation signature predicts the clinical outcomes of immunotherapy and characterizes immunophenotypes in gastrointestinal cancer. <i>Npj Precision Oncology</i> , 2021, 5, 36.   | 5.4  | 20        |
| 21 | Transperineal Parallel Biopsy of the Prostate: A New Approach of Tissue Sampling for Precision Medicine. <i>International Journal of General Medicine</i> , 2021, Volume 14, 1631-1640.  | 1.8  | 1         |
| 22 | CoO x @Coâ€NC Catalyst with Dual Active Centers for Enhanced Oxygen Evolution: Breaking Tradeâ€Off of Particle Size and Metal Loading. <i>Chemistry - A European Journal</i> , 2021, 27, 10657-10665.  | 3.3  | 6         |
| 23 | Spatioâ€temporal changes in dissolved organic matter composition along the salinity gradient of a marshâ€influenced estuarine complex. <i>Limnology and Oceanography</i> , 2021, 66, 3040-3054.  | 3.1  | 11        |
| 24 | Case Report: A Squamous Cell Lung Carcinoma Patient Who Responded to Neoadjuvant Immunochemotherapy but Died From Anastomosis Leakage or/and irAEs: Immune Microenvironment and Genomic Features Changes. <i>Frontiers in Oncology</i> , 2021, 11, 674328. | 2.8  | 1         |
| 25 | Coupling sprinkler freshwater irrigation with vegetable species selection as a sustainable approach for agricultural production in farmlands with a history of 50-year wastewater irrigation. <i>Journal of Hazardous Materials</i> , 2021, 414, 125576.   | 12.4 | 8         |
| 26 | TRIM27 interacts with Î²b1± to promote the growth of human renal cancer cells through regulating the NF-Î²B pathway. <i>BMC Cancer</i> , 2021, 21, 841.  | 2.6  | 12        |
| 27 | Using watermelon rind and nitrite-containing wastewater for electricity production in a membraneless biocathode microbial fuel cell. <i>Journal of Cleaner Production</i> , 2021, 307, 127306.   | 9.3  | 12        |
| 28 | Defect Regulating of Few-Layer Antimonene from Acid-Assisted Exfoliation for Enhanced Electrocatalytic Nitrogen Fixation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40618-40628.   | 8.0  | 14        |
| 29 | Microplastics interaction with terrestrial plants and their impacts on agriculture. <i>Journal of Environmental Quality</i> , 2021, 50, 1024-1041.   | 2.0  | 43        |
| 30 | Machine Learning for Identification of Primary Water Concentrations in Mantle Pyroxene. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095191.   | 4.0  | 5         |
| 31 | Discovery of Oxygenated Hydrocarbon Biodegradation Products at a Late-Stage Petroleum Release Site. <i>Energy &amp; Fuels</i> , 2021, 35, 16713-16723.   | 5.1  | 3         |
| 32 | Germline HLA-B evolutionary divergence influences the efficacy of immune checkpoint blockade therapy in gastrointestinal cancer. <i>Genome Medicine</i> , 2021, 13, 175.   | 8.2  | 12        |
| 33 | Two interacting transcriptional coactivators cooperatively control plant immune responses. <i>Science Advances</i> , 2021, 7, eabl7173.  | 10.3 | 31        |
| 34 | Expanding the Analytical Window for Biochar Speciation: Molecular Comparison of Solvent Extraction and Water-Soluble Fractions of Biochar by FT-ICR Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 15365-15372.                                | 6.5  | 13        |
| 35 | Parental choice of childcare in England: Choosing in phases and the split market. <i>British Educational Research Journal</i> , 2020, 46, 281-300.   | 2.5  | 3         |
| 36 | Visible-light photocatalytic degradation of bisphenol A using cobalt-to-oxygen doped graphitic carbon nitride with nitrogen vacancies via metal-to-ligand charge transfer. <i>Journal of Hazardous Materials</i> , 2020, 384, 121247.                      | 12.4 | 48        |

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|----|---|------|-----------|
| 37 | Influence of the subduction of the Pacific plate on the mantle characteristics of South China: Constraints from the temporal geochemical evolution of the Mesozoic basalts in the Jitai Basin. <i>Lithos</i> , 2020, 352-353, 105253.   | 1.4  | 11        |
| 38 | Experience of one single surgeon with the first 500 robot-assisted laparoscopic prostatectomy cases in mainland China. <i>Asian Journal of Urology</i> , 2020, 7, 170-176.  | 1.2  | 9         |
| 39 | Re: Experience of one single surgeon with the first 500 robot-assisted laparoscopic prostatectomy cases in mainland China. <i>Asian Journal of Urology</i> , 2020, 7, 179-180.  | 1.2  | 0         |
| 40 | Formation of assimilable organic carbon (AOC) during drinking water disinfection: A microbiological prospect of disinfection byproducts. <i>Environment International</i> , 2020, 135, 105389.  | 10.0 | 33        |
| 41 | Hurricane resulted in releasing more nitrogenous than carbonaceous disinfection byproduct precursors in coastal watersheds. <i>Science of the Total Environment</i> , 2020, 705, 135785.  | 8.0  | 15        |
| 42 | Molecular dynamics of foliar litter and dissolved organic matter during the decomposition process. <i>Biogeochemistry</i> , 2020, 150, 17-30.   | 3.5  | 8         |
| 43 | Stereoselective and Divergent Construction of $\hat{\text{I}}^2$ -Thiolated/Selenolated Amino Acids via Photoredox-Catalyzed Asymmetric Giese Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 14201-14209.   | 13.7 | 48        |
| 44 | Prediction of immune checkpoint inhibition with immune oncology-related gene expression in gastrointestinal cancer using a machine learning classifier. , 2020, 8, e000631.   |      | 22        |
| 45 | Characteristics of soil organic matter 14 years after a wildfire: A pyrolysis-gas-chromatography mass spectrometry (Py-GC-MS) study. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 152, 104922.  | 5.5  | 8         |
| 46 | Environmental Regulation of the Distribution and Ecology of <i>Bdellovibrio</i> and Like Organisms. <i>Frontiers in Microbiology</i> , 2020, 11, 545070.  | 3.5  | 21        |
| 47 | Soil Organic Carbon Signature under Impervious Surfaces. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1785-1792.   | 2.7  | 12        |
| 48 | Dynamics of dissolved organic matter and disinfection byproduct precursors along a low elevation gradient in woody wetlands - an implication of hydrologic impacts of climate change on source water quality. <i>Water Research</i> , 2020, 181, 115908.                        | 11.3 | 19        |
| 49 | Impact of Zero-Valent Iron Nanoparticles on <i>Fremyella diplosiphon</i> Transesterified Lipids and Fatty Acid Methyl Esters. <i>ACS Omega</i> , 2020, 5, 12166-12173.  | 3.5  | 9         |
| 50 | Cyanobacteria as a biofuel source: advances and applications. , 2020, , 269-289.  |      | 8         |
| 51 | A genomic and epigenomic atlas of prostate cancer in Asian populations. <i>Nature</i> , 2020, 580, 93-99.   | 27.8 | 183       |
| 52 | Low water treatability efficiency of wildfire-induced dissolved organic matter and disinfection by-product precursors. <i>Water Research</i> , 2020, 184, 116111.   | 11.3 | 13        |
| 53 | Molecular Transformation of Crude Oil Contaminated Soil after Bioelectrochemical Degradation Revealed by FT-ICR Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2500-2509.   | 10.0 | 19        |
| 54 | Metal-free 2D/2D heterojunction of covalent triazine-based frameworks/graphitic carbon nitride with enhanced interfacial charge separation for highly efficient photocatalytic elimination of antibiotic pollutants. <i>Journal of Hazardous Materials</i> , 2020, 391, 122204. | 12.4 | 54        |

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|----|--|------|-----------|
| 55 | Speciation and conversion of carbon and nitrogen in young landfill leachate during anaerobic biological pretreatment. <i>Waste Management</i> , 2020, 106, 88-98.  | 7.4  | 15        |
| 56 | DNA Damage Repair Gene Mutations Are Indicative of a Favorable Prognosis in Colorectal Cancer Treated With Immune Checkpoint Inhibitors. <i>Frontiers in Oncology</i> , 2020, 10, 549777.  | 2.8  | 26        |
| 57 | Hazardous substances as the dominant non-methane volatile organic compounds with potential emissions from liquid storage tanks during well fracturing: A modeling approach. <i>Journal of Environmental Management</i> , 2020, 268, 110715.  | 7.8  | 10        |
| 58 | Short-term therapeutic outcomes of robotic-assisted laparoscopic radical prostatectomy for oligometastatic prostate cancer: a propensity score matching study. <i>Chinese Medical Journal</i> , 2020, 133, 127-133.  | 2.3  | 3         |
| 59 | Enhanced photocatalytic disinfection of <i>Escherichia coli</i> K-12 by porous g-C <sub>3</sub> N <sub>4</sub> nanosheets: Combined effect of photo-generated and intracellular ROSs. <i>Chemosphere</i> , 2019, 235, 1116-1124.   | 8.2  | 28        |
| 60 | Shadow detection and removal in apple image segmentation under natural light conditions using an ultrametric contour map. <i>Biosystems Engineering</i> , 2019, 184, 142-154.  | 4.3  | 18        |
| 61 | Clinical Benefit of Sorafenib Combined with Paclitaxel and Carboplatin to a Patient with Metastatic Chemotherapy-Resistant Testicular Tumors. <i>Oncologist</i> , 2019, 24, e1437-e1442.   | 3.7  | 4         |
| 62 | Fabrication of two-dimensional indium oxide nanosheets with graphitic carbon nitride nanosheets as sacrificial templates. <i>Materials Letters</i> , 2019, 242, 24-27.   | 2.6  | 11        |
| 63 | Throughfall Dissolved Organic Matter as a Terrestrial Disinfection Byproduct Precursor. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1603-1613.   | 2.7  | 19        |
| 64 | Molecular-Level Characterization of Oil-Soluble Ketone/Aldehyde Photo-Oxidation Products by Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Reveals Similarity Between Microcosm and Field Samples. <i>Environmental Science &amp; Technology</i> , 2019, 53, 6887-6894. | 10.0 | 43        |
| 65 | Augmenting <i>Fremyella diplosiphon</i> Cellular Lipid Content and Unsaturated Fatty Acid Methyl Esters Via Sterol Desaturase Gene Overexpression. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 1127-1140.   | 2.9  | 11        |
| 66 | One-pot fabrication of a double Z-scheme CeCO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> /CeO <sub>2</sub> photocatalyst for nitrogen fixation under solar irradiation. <i>Catalysis Science and Technology</i> , 2019, 9, 2849-2857.   | 4.1  | 38        |
| 67 | Three-Component Protein Modification Using Mercaptobenzaldehyde Derivatives. <i>Organic Letters</i> , 2019, 21, 3828-3833.   | 4.6  | 12        |
| 68 | Atmospheric Pressure Photoionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Characterization of Oil Sand Process-Affected Water in Constructed Wetland Treatment. <i>Energy &amp; Fuels</i> , 2019, 33, 4420-4431.  | 5.1  | 8         |
| 69 | Control wildfire-induced <i>Microcystis aeruginosa</i> blooms by copper sulfate: Trade-offs between reducing algal organic matter and promoting disinfection byproduct formation. <i>Water Research</i> , 2019, 158, 227-236.  | 11.3 | 52        |
| 70 | Graphitic carbon nitride grown in situ on aldehyde-functionalized $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> : All-solid-state Z-scheme heterojunction for remarkable improvement of photo-oxidation activity. <i>Journal of Colloid and Interface Science</i> , 2019, 548, 284-292.   | 9.4  | 29        |
| 71 | Nuclear Receptor Coactivator 2 Promotes Human Breast Cancer Cell Growth by Positively Regulating the MAPK/ERK Pathway. <i>Frontiers in Oncology</i> , 2019, 9, 164.  | 2.8  | 18        |
| 72 | Palladium-Catalyzed Stereospecific <i>C</i> -Glycosylation of Glycals with Vinyllogous Acceptors. <i>ACS Catalysis</i> , 2019, 9, 2909-2915.   | 11.2 | 36        |

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|----|--|------|-----------|
| 73 | Oxidative phenol-arene and phenol-phenol cross-coupling using periodic acid. <i>Tetrahedron</i> , 2019, 75, 2004-2011.   | 1.9  | 5         |
| 74 | Direct electricity production from subaqueous wetland sediments and banana peels using membrane-less microbial fuel cells. <i>Industrial Crops and Products</i> , 2019, 128, 70-79.  | 5.2  | 16        |
| 75 | Visible light photocatalytic mineralization of bisphenol A by carbon and oxygen dual-doped graphitic carbon nitride. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 97-106.  | 9.4  | 32        |
| 76 | General Equilibrium Analysis of the Cobenefits and Trade-Offs of Carbon Mitigation on Local Industrial Water Use and Pollutants Discharge in China. <i>Environmental Science &amp; Technology</i> , 2019, 53, 1715-1724.   | 10.0 | 28        |
| 77 | All-solid-state Z-scheme Co <sub>9</sub> S <sub>8</sub> /graphitic carbon nitride photocatalysts for simultaneous reduction of Cr(VI) and oxidation of 2,4-dichlorophenoxyacetic acid under simulated solar irradiation. <i>Chemical Engineering Journal</i> , 2019, 360, 1188-1198. | 12.7 | 63        |
| 78 | Long-term watershed management is an effective strategy to reduce organic matter export and disinfection by-product precursors in source water. <i>International Journal of Wildland Fire</i> , 2019, 28, 804.   | 2.4  | 4         |
| 79 | Corrigendum to: Long-term watershed management is an effective strategy to reduce organic matter export and disinfection by-product precursors in source water. <i>International Journal of Wildland Fire</i> , 2019, 28, 822.   | 2.4  | 2         |
| 80 | Detailed Compositional Characterization of the 2014 Bangladesh Furnace Oil Released into the World's Largest Mangrove Forest. <i>Energy &amp; Fuels</i> , 2018, 32, 3232-3242.   | 5.1  | 17        |
| 81 | Coupling of sterically demanding peptides by $\hat{\gamma}$ -thiolactone-mediated native chemical ligation. <i>Chemical Science</i> , 2018, 9, 1982-1988.  | 7.4  | 18        |
| 82 | Comprehensive Analysis of Changes in Crude Oil Chemical Composition during Biosouring and Treatments. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1290-1300.   | 10.0 | 15        |
| 83 | Traceless $\hat{\gamma}$ -mercaptan-assisted activation of valinyl benzimidazolinones in peptide ligations. <i>Chemical Science</i> , 2018, 9, 1940-1946.  | 7.4  | 19        |
| 84 | Multi-scale Spatial Patterns and Influencing Factors of Rural Poverty: A Case Study in the Liupan Mountain Region, Gansu Province, China. <i>Chinese Geographical Science</i> , 2018, 28, 296-312.   | 3.0  | 21        |
| 85 | Dynamics of multiple elements in fast decomposing vegetable residues. <i>Science of the Total Environment</i> , 2018, 616-617, 614-621.  | 8.0  | 20        |
| 86 | Origin, Reactivity, and Bioavailability of Mercury in Wildfire Ash. <i>Environmental Science &amp; Technology</i> , 2018, 52, 14149-14157.   | 10.0 | 25        |
| 87 | Construction of Acetaldehyde-Modified g-C <sub>3</sub> N <sub>4</sub> Ultrathin Nanosheets via Ethylene Glycol-Assisted Liquid Exfoliation for Selective Fluorescence Sensing of Ag <sup>+</sup> . <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 44624-44633.            | 8.0  | 37        |
| 88 | Wildfire Burn Intensity Affects the Quantity and Speciation of Polycyclic Aromatic Hydrocarbons in Soils. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 1262-1270.   | 2.7  | 39        |
| 89 | Liquid-phase hydrogenation of N-nitrosodimethylamine over Pd-Ni supported on CeO <sub>2</sub> -TiO <sub>2</sub> : The role of oxygen vacancies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 211-218.  | 4.7  | 9         |
| 90 | Electricity generation from different wetlands: Mechanisms based on dissolved organic matters in membrane-less microbial fuel cells. <i>Chemical Engineering Journal</i> , 2018, 351, 1006-1012.   | 12.7 | 10        |

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|-----|--|------|-----------|
| 91  | Modeling the carbon-energy-water nexus in a rapidly urbanizing catchment: A general equilibrium assessment. <i>Journal of Environmental Management</i> , 2018, 225, 93-103.  | 7.8  | 32        |
| 92  | Children's Evaluation of the Physical Environment Quality in Kindergarten: A Case Study from China. <i>International Journal of Early Childhood</i> , 2018, 50, 175-192.   | 1.0  | 4         |
| 93  | Integration of an automated identification-quantification pipeline and statistical techniques for pyrolysis GC/MS tracking of the molecular fingerprints of natural organic matter. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 134, 371-380. | 5.5  | 11        |
| 94  | Bismuth Subcarbonate with Designer Defects for Broad-Spectrum Photocatalytic Nitrogen Fixation. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25321-25328.   | 8.0  | 97        |
| 95  | Composition-Dependent Sorptive Fractionation of Anthropogenic Dissolved Organic Matter by Fe(III)-Montmorillonite. <i>Soil Systems</i> , 2018, 2, 14.  | 2.6  | 25        |
| 96  | <i>Fremyella diplosiphon</i> as a Biodiesel Agent: Identification of Fatty Acid Methyl Esters via Microwave-Assisted Direct In Situ Transesterification. <i>Bioenergy Research</i> , 2018, 11, 528-537.  | 3.9  | 13        |
| 97  | Fractionation and mobility risks of heavy metals and metalloids in wastewater-irrigated agricultural soils from greenhouses and fields in Gansu, China. <i>Geoderma</i> , 2018, 328, 1-9.  | 5.1  | 64        |
| 98  | Relative Contributions of Halobacteriovorax and Bacteriophage to Bacterial Cell Death under Various Environmental Conditions. <i>MBio</i> , 2018, 9, .   | 4.1  | 17        |
| 99  | Modeling potential occupational inhalation exposures and associated risks of toxic organics from chemical storage tanks used in hydraulic fracturing using AERMOD. <i>Environmental Pollution</i> , 2017, 224, 300-309.                                      | 7.5  | 28        |
| 100 | Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Characterization of Athabasca Oil Sand Process-Affected Waters Incubated in the Presence of Wetland Plants. <i>Energy &amp; Fuels</i> , 2017, 31, 1731-1740.                                     | 5.1  | 25        |
| 101 | Heterogeneous source components of intraplate basalts from NE China induced by the ongoing Pacific slab subduction. <i>Earth and Planetary Science Letters</i> , 2017, 459, 208-220.   | 4.4  | 67        |
| 102 | Characterization of the chemicals used in hydraulic fracturing fluids for wells located in the Marcellus Shale Play. <i>Journal of Environmental Management</i> , 2017, 200, 312-324.  | 7.8  | 36        |
| 103 | Spatial variation of multiple air pollutants and their potential contributions to all-cause, respiratory, and cardiovascular mortality across China in 2015-2016. <i>Atmospheric Environment</i> , 2017, 168, 23-35.   | 4.1  | 46        |
| 104 | Typical oxygen isotope profile of altered oceanic crust recorded in continental intraplate basalts. <i>Journal of Earth Science (Wuhan, China)</i> , 2017, 28, 578-587.  | 3.2  | 5         |
| 105 | Adsorptive fractionation of dissolved organic matter (DOM) by mineral soil: Macroscale approach and molecular insight. <i>Organic Geochemistry</i> , 2017, 103, 113-124.   | 1.8  | 102       |
| 106 | The noncoding RNA HOXD-AS1 is a critical regulator of the metastasis and apoptosis phenotype in human hepatocellular carcinoma. <i>Molecular Cancer</i> , 2017, 16, 125.   | 19.2 | 76        |
| 107 | Robotic-assisted Laparoscopic Radical Prostatectomy From a Single Chinese Center: A Learning Curve Analysis. <i>Urology</i> , 2016, 93, 104-111.   | 1.0  | 16        |
| 108 | 4 Years after the Deepwater Horizon Spill: Molecular Transformation of Macondo Well Oil in Louisiana Salt Marsh Sediments Revealed by FT-ICR Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2016, 50, 9061-9069.                         | 10.0 | 66        |

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|-----|---|------|-----------|
| 109 | Total synthesis of atropurpuran. <i>Nature Communications</i> , 2016, 7, 12183.   | 12.8 | 52        |
| 110 | Applications of comprehensive two-dimensional gas chromatography (GC-MS) in studying the source, transport, and fate of petroleum hydrocarbons in the environment. , 2016, , 399-448.   |      | 20        |
| 111 | Photochemical changes in water accommodated fractions of MC252 and surrogate oil created during solar exposure as determined by FT-ICR MS. <i>Marine Pollution Bulletin</i> , 2016, 104, 262-268.   | 5.0  | 34        |
| 112 | Water usage for natural gas production through hydraulic fracturing in the United States from 2008 to 2014. <i>Journal of Environmental Management</i> , 2016, 170, 152-159.  | 7.8  | 78        |
| 113 | Synthetic approach to the functionalized tricyclic core of atropurpuran. <i>Tetrahedron</i> , 2016, 72, 347-353.  | 1.9  | 11        |
| 114 | <i>Halobacteriovorax</i> , an underestimated predator on bacteria: potential impact relative to viruses on bacterial mortality. <i>ISME Journal</i> , 2016, 10, 491-499.  | 9.8  | 58        |
| 115 | Recycled oceanic crust and marine sediment in the source of alkali basalts in Shandong, eastern China: Evidence from magma water content and oxygen isotopes. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 8281-8303.                               | 3.4  | 41        |
| 116 | Draft genome sequences for the obligate bacterial predators <i>Bacteriovorax</i> spp. of four phylogenetic clusters. <i>Standards in Genomic Sciences</i> , 2015, 10, 11.   | 1.5  | 12        |
| 117 | Total Syntheses of (S)-isoschizogamine and (S)-hydroxyisoschizogamine. <i>Chemistry - A European Journal</i> , 2015, 21, 14602-14607.   | 3.3  | 22        |
| 118 | An Integrated Approach for the Identification of HNF4 $\alpha$ -Centered Transcriptional Regulatory Networks During Early Liver Regeneration. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 2317-2326.  | 1.6  | 10        |
| 119 | Downregulation of IL6 Targeted MiR-376b May Contribute to a Positive IL6 Feedback Loop During Early Liver Regeneration in Mice. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 233-242.  | 1.6  | 16        |
| 120 | Changing recycled oceanic components in the mantle source of the Shuangliao Cenozoic basalts, NE China: New constraints from water content. <i>Tectonophysics</i> , 2015, 650, 113-123.   | 2.2  | 56        |
| 121 | Unprecedented Insights into the Chemical Complexity of Coal Tar from Comprehensive Two-Dimensional Gas Chromatography Mass Spectrometry and Direct Infusion Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Energy &amp; Fuels</i> , 2015, 29, 641-648. | 5.1  | 33        |
| 122 | Genome-wide comparative analysis of ABC systems in the <i>Bdellovibrio</i> -and-like organisms. <i>Gene</i> , 2015, 562, 132-137.   | 2.2  | 5         |
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